

LISTING OF CLAIMS:

What is claimed is:

1. (Previously presented) A multi-layer film for the production of a decorated article which has a base body decorated with the multi-layer film and having curved surface regions, wherein the multi-layer film is an IMD-film or a deep-drawable film which is deformable in production of the decorated article in accordance with the curvature of the base body of the decorated article, wherein

the IMD-film or deep-drawable film has a transparent structure layer which has a spatial structure producing an optically perceptible effect, and a reflection layer arranged beneath the structure layer in the viewing direction.

2. (Previously presented) A multi-layer film as set forth in claim 1, wherein the optical effect of the spatial structure is extinguished in a pattern configuration by means of an intermediate layer which is shaped in pattern form and which is arranged between the structure layer and the reflection layer and/or by means of removal in a pattern configuration, in particular demetalization, of the reflection layer in regions in which the curvature of the base body to be decorated with the multi-layer film and thus a curvature of the spatial structure on the decorated article exceeds a limit value, wherein

a) the limit value is either a radius of curvature at which changes in the

optical effect of the spatial structure, which are visible to a viewer of the decorated article, occur due to bending of the structure layer, or

b) the limit value is a radius of curvature at which breaks occur in the structure layer.

3. (Previously presented) A multi-layer film as set forth in claim 2, wherein the intermediate layer comprises one or more extinguishing lacquer layers which comprise a transparent material and which level the structure of the structure layer in a pattern configuration.

4. (Previously presented) A multi-layer film as set forth in claim 2, wherein the intermediate layer comprises one or more extinguishing lacquer layers comprising an opaque material.

5. (Previously presented) A multi-layer film as set forth in claim 2, wherein the intermediate layer has a masking layer which is partially removed with the post-applied part of the reflection layer.

6. (Previously presented) A multi-layer film as set forth in claim 2, wherein the intermediate layer comprises a thermoplastic material.

7. (Previously presented) A multi-layer film as set forth in claim 2, wherein the flexibility of the intermediate layer is different from that of the structure layer.

8. (Previously presented) A multi-layer film as set forth in claim 2, wherein the

intermediate layer and/or the structure layer is colored.

9. (Previously presented) A multi-layer film as set forth in claim 1, wherein the structure layer has desired-fracture locations so that the structure layer breaks up in a defined fashion in regions in which a curvature of the structure layer in a curved surface region exceeds a limit value.

10. (Previously presented) A multi-layer film as set forth in claim 9, wherein the desired-fracture locations are so arranged that the optical effect produced by the structure is not impaired by the fracture of the structure layer in the region of the desired-fracture locations.

11. (Previously presented) A multi-layer film as set forth in claim 9, wherein the desired-fracture locations are so arranged that the optical effect produced by the structure is no longer produced in regions in which the structure layer has broken up.

12. (Previously presented) A multi-layer film as set forth in claim 1, wherein the reflection layer has desired-fracture locations so that the reflection layer breaks up in a defined fashion in regions in which a curvature of the structure layer in curved surface regions exceeds a limit value, thereby extinguishing the optical effect produced by the structure in said regions.

13. (Previously presented) A multi-layer film as set forth in claim 1, wherein a further layer with a higher refractive index than the structure layer is arranged between the structure layer and the reflection layer.

14. (Previously presented) A multi-layer film as set forth in claim 13, wherein the

further layer comprises a material having thermally insulating properties.

15. (Previously presented) A multi-layer film as set forth in claim 13, wherein the reflection layer is removed in a window-shaped region.

16. (Previously presented) A multi-layer film as set forth in claim 1, wherein the structure layer comprises a thermoplastic material into which the spatial structure is embossed.

17. (Previously presented) A multi-layer film as set forth in claim 1, wherein the structure has a visible structure which does not have an optical-diffraction effect with a roughness depth of the order of magnitude of between 0.8 and 10 μm .

18. (Previously presented) A multi-layer film as set forth in claim 1, wherein the structure has a diffractive structure with an optical-diffraction effect.

19. (Previously presented) A multi-layer film as set forth in claim 1, wherein the reflection layer is a metal layer, a layer comprising a metal oxide or a metal sulfide, or a layer comprising a reflective plastic material.

20. (Withdrawn) A decorated article in particular a mobile telephone housing or a mobile telephone window, which has a base body which has curved surface regions and at least one decorative element arranged in the region of one or more curvatures of the surface of the base body, characterized in that the decorative element is formed by a multi-layer film as set forth in claim 1, which is deformed in production of the base body in accordance with the one or more curvatures.

21. (Withdrawn) A decorated article as set forth in claim 20, wherein the optical effect of the spatial structure is extinguished in a pattern configuration by means of an intermediate layer which is shaped in pattern form and which is arranged between the structure layer and the reflection layer and/or by means of removal in a pattern configuration, in particular demetalization, of the reflection layer in regions in which the curvature of the structure exceeds a limit value.

22. (Withdrawn) A decorated article as set forth in claim 21, wherein the limit value is the radius of curvature at which changes in the optical effect of the spatial structure, which are visible to a viewer, occur due to the bending of the structure layer.

23. (Withdrawn) A decorated article as set forth in claim 22, wherein the limit value is a radius of curvature at which breaks occur in the structure layer.

24. (Withdrawn) A decorated article as set forth in claim 21, wherein-structure layer has desired-fracture locations so that the structure layer breaks up in a defined fashion in regions in which the curvature of the structure layer exceeds a limit value.

25. (Withdrawn) A decorated article as set forth in claim 24, wherein the desired-fracture locations are so arranged that the optical effect produced by the structure is not impaired by the fracture of the structure layer in the region of the desired-fracture locations.

26. (Withdrawn) A decorated article as set forth in claim 24, wherein the desired-fracture locations are so arranged that the optical effect produced by the structure is no longer produced in regions in which the structure layer has broken up.

27. (Withdrawn) A decorated article as set forth in claim 20, wherein the reflection layer has desired-fracture locations so that the reflection layer breaks up in a defined fashion in regions in which the curvature of the structure layer exceeds a limit value, thereby extinguishing the optical effect produced by the structure in said regions.

28. (Previously presented) Use of a multi-layer film as set forth in claim 1, wherein in an in-mold injection molding process or a deep-drawing process for the decoration of a base body having curved surface regions at least in the region of one or more curvatures of the surface of the base body.